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+

PTO/SB/05 (2/98)

**UTILITY  
PATENT APPLICATION  
TRANSMITTAL**

Attorney Docket No.

901115

First Inventor or Application Identifier

Wade Doll

Title

SEMICONDUCTOR CIRCULAR  
AND RADIAL FLOW COOLER

Express Mail Label No.

EL487804089US

(Only for nonprovisional applications under 37 CFR § 1.53(b))

**APPLICATION ELEMENTS**

See MPEP chapter 600 concerning utility patent application contents.

**ADDRESS TO:**

Box Patent Application  
Assistant Commissioner for Patents  
Washington, D.C. 20231

1. ☐ General Authorization Form & Fee Transmittal  
(Submit an original and a duplicate for fee processing)

2. ☒ Specification [Total Pages] **19**  
(preferred arrangement set forth below)

- Descriptive Title of the Invention
- Cross References to Related Applications
- Statement Regarding Fed sponsored R & D
- Reference to Microfiche Appendix
- Background of the Invention
- Brief Summary of the Invention

- Brief Description of the Drawings (if filed)
- Detailed Description
- Claim(s)
- Abstract of the Disclosure

☒ Drawing(s) (35 USC 113) [Total Sheets] **7**

Oath or Declaration [Total Pages] **7**

a. ☐ Newly executed (original or copy)

b. ☐ Copy from a prior application (37 CFR 1.63(d))  
(for continuation/divisional with Box 17 completed)

i. ☐ **DELETION OF INVENTOR(S)**  
Signed statement attached deleting  
inventor(s) named in the prior application,  
see 37 CFR 1.63(d)(2) and 1.33(b)

5. ☐ Incorporation By Reference (useable if box 4b is  
checked) The entire disclosure of the prior application,  
from which a copy of the oath or declaration is supplied  
under Box 4b, is considered to be part of the disclosure of  
the accompanying application and is hereby incorporated  
by reference therein.

6. ☐ Microfiche Computer Program (Appendix)  
7. Nucleotide and Amino Acid Sequence Submission  
(if applicable, all necessary)

- a. ☐ Computer-Readable Copy
- b. ☐ Paper Copy (identical to computer copy)
- c. ☐ Statement verifying identity of above copies

**ACCOMPANYING APPLICATION PARTS**

8. ☐ Assignment Papers (cover sheet & document(s))

9. ☐ 37 CFR 3.73(b) Statement (when there is an assignee) ☐ Power of Attorney

10. ☐ English Translation Document (if applicable)

11. ☐ Information Disclosure Statement (IDS)/PTO-1449 ☐ Copies of IDS Citations

12. ☐ Preliminary Amendment

13. ☒ Return Receipt Postcard

14. ☐ Small Entity Statement(s) ☐ Statement filed in prior application,  
Status still proper and desired

15. ☐ Certified Copy of Priority Document(s)  
(if foreign priority is claimed)

16. ☒ Other: Certificate of Express Mail

17. If a CONTINUING APPLICATION, check appropriate box and supply the requisite information below and in a preliminary amendment

☐ Continuation ☐ Divisional ☐ Continuation-In-Part (CIP) of prior Application No.: \_\_\_\_\_

Prior application information: Examiner \_\_\_\_\_ Group / Art Unit \_\_\_\_\_

☐ Claims the benefit of Provisional Application No. \_\_\_\_\_

**CORRESPONDENCE ADDRESS**



00500

PATENT TRADEMARK OFFICE

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Respectfully submitted,

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L:901115 - CRAY INC. (HARDWARE)434IAPPCOVER.DOC

REGISTRATION NO. 31,153

Date Oct. 3, 2000

PATENT



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Wade Doll  
Filed : November 3, 2000  
For : SEMICONDUCTOR CIRCULAR  
AND RADIAL FLOW COOLER

Docket No. : 901115.434

Date : November 3, 2000

Box Patent Application  
Assistant Commissioner for Patents  
Washington, DC 20231

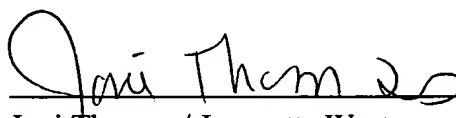
CERTIFICATE OF MAILING BY "EXPRESS MAIL"

Assistant Commissioner for Patents:

I hereby certify that the enclosures listed below are being deposited with the United States Postal Service "EXPRESS MAIL Post Office to Addressee" service under 37 C.F.R. § 1.10, Mailing Label Certificate No. EL487804089US, on November 3, 2000, addressed to Box Patent Application, Assistant Commissioner for Patents, Washington, DC 20231.

Respectfully submitted,

Seed Intellectual Property Law Group PLLC

  
\_\_\_\_\_  
Joni Thomas / Jeannette West

Enclosures:

Postcard  
Form PTO/SB/05  
Specification, Claims, Abstract (19 pages)  
7 Sheets of Drawings (Figures 1-11)